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Adsorption of a Mixture of Gases, by B. P.
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Vol 90, No 5, 1953, pp 811-814.
NLL RTS 3438

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(FDD 20160)

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No 6, 1958, p 991-194.

ESF Tr 162

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The Relative Primary and Total Ionization of μ -Mesons
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Kosmachevsky, V. A. Lyubimov, *et al.*

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Full translation.

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Ye. K. Putseiko, A. N. Terenin, *5 pp.*

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NSP 147

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Reflection Spectra of Compound Silicate Glasses in
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Yakovlevich

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AT GREAT DISTANCES. [1961] 6p. (6 refs. 3 figs.
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62-10107

Order from OTS or SLA \$1.10

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DESCRIPTORS: *Molecules, *Molecular structure,
Colloids, Liquids, Stability.

(Physics--Molecular, TT, v. 7, no. 8)

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Office of Technical Services

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Kul'kova, N. V., Kuznets, A. D., and Temkin, M. I.
EXCHANGE OF OXYGEN ISOTOPES BETWEEN CAR-
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CATALYST. 10p 4 refs DTC-21.

Order from OTS, ETC or DTC \$0.80 63-26688

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[no. 6] p. 1067-1070.

Another trans. is available in Dutch from OTS or ETC
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DESCRIPTORS: Carbon compounds, Monoxides, *Carbon
dioxide, *Isotopes, *Oxygen, Iron compounds, Oxides,
Catalysts, *Exchange reactions, *Iron catalysts.

(Chemistry--Physical, TT, v. 10, no. 10)

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S-3064

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The Problem of Turbulence in a Wave, by A. A.
Dmitriyev, T. V. Bonchkovskaya, 5 pp.

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Sci - Physics, wave turbulence

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REF ID: A6

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NSF Tr 108

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Feb 56 CWS/RSK

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Elementary Reactions of Atomic Oxygen With
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5 pp.

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Scientific - Chemistry

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Concerning Certain Similarity and Difference
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B. G. Varshaver, A. A. Titov, 6 pp.

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Scientific - Chemistry

May 55 CTS

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Rode, T. V. and Dobrynina, T. A.

A THERMAL ANALYSIS OF LITHIUM PEROXIDE.

[1963] 6p. 15 refs.

Order from OTS or SLA \$1.10

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Trans. of Akademiya Nauk SSSR, Doklady, 1953, v. 91,
no. 1 [p. 125-127].DESCRIPTORS: *Thermochemistry, *Lithium com-
pounds, *Peroxides, Decomposition, Reaction kinetics,
*Calorimetry, X-ray diffraction analysis.

A thermographic investigation (heating and cooling curves) of lithium peroxide was performed under different conditions. The decomposition kinetics of this compound on heating were examined. X-ray patterns were obtained from the starting compounds and from preparations heated to various temperatures for recording the thermal effects on the thermograms. The
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Gurvich

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CTB 71/Aug 1955

Def Sci Info Svc,
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[1960] Sp. 3 refs. Translation NT746; M2035.
Order from LC or SLA ml\$1.80, ph\$1.80 61-13396

Trans. of [Akademiya Nauk] SSSR. Doklady 1953,
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61-13396

1. Hydrogen--Oxidation
2. Hydrogen--Electrochemistry
- I. Krasil'shchikov, A. I.
- II. Antonova, L. G.
- III. Department of Scientific
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Order from OTS or ETC \$1.55 61-17197

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DESCRIPTORS: *Alumina-silica catalysts, Poisoning,
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EXCHANGE METHOD WITH DEUTERIUM BROMIDE.
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Order from OTS or ETC \$1.55 61-17208

Trans. of Akademiya Nauk SSSR. Doklady, 1953,
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DESCRIPTORS: *Benzenes, Hydrogen compounds,
Bromides, Liquids, *Exchange reactions, Deuterium.

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